SIEMENS

SIREMOBIL Compact L

SP

Planning Guide

System

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all	all	02
all	all	03
all	all	04
all	all	05
all	all	06
all	all	07

Document revision level

The document corresponds to the version/revision level effective at the time of system delivery.

Revisions to hardcopy documentation are not automatically distributed.

Please contact your local Siemens office to order current revision levels.

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General Notes

- With distribution of these revision level, all preceding planning guides, Speed Infos (PGs) and drafts lose their validity.

- All layouts issued by the Planning Departments must bear a note referring to the installation and delivery conditions of Siemens Medical Solutions. The installation and delivery conditions must be submitted with the layouts.

- Unless otherwise specified, all dimensions are indicated in "mm".

⧫ - The symbol indicates a change (see revision status).

- Orientation points
  Points specific to system components to which reference is made when positioning system components to each other or in the room.
  The isocenter of a radiographic system is always illustrated as the orientation point.

- Fixpoints
  Clearly marked points on system components, installation ceiling, walls or floor on which cable outlets are located.
  Illustration in the drawings: octagon with letter/number-combination.
  The cable lengths specify the maximum fixpoint distances and thus the maximum distances between the individual system components.

- Room height
  The room height is the distance measured from the top surface of the floor to the bottom surface of the ceiling structural elements (Unistrut rails) (bottom surface of drop ceiling).

- Room lighting
  According to DIN 68 68-57 (international standard in preparation), the lighting in rooms in which image playback devices (monitors) are used for diagnosis, the following requirements must be met:

  adjustable, no anti-glare screen, reproducible adjustment of the lighting (e.g. dimmer with scale),

  no glare or reflection from windows, lights and light boxes in the standard working position of the monitors.

Hotline + 49 (9191) 18 - 8080

Safety

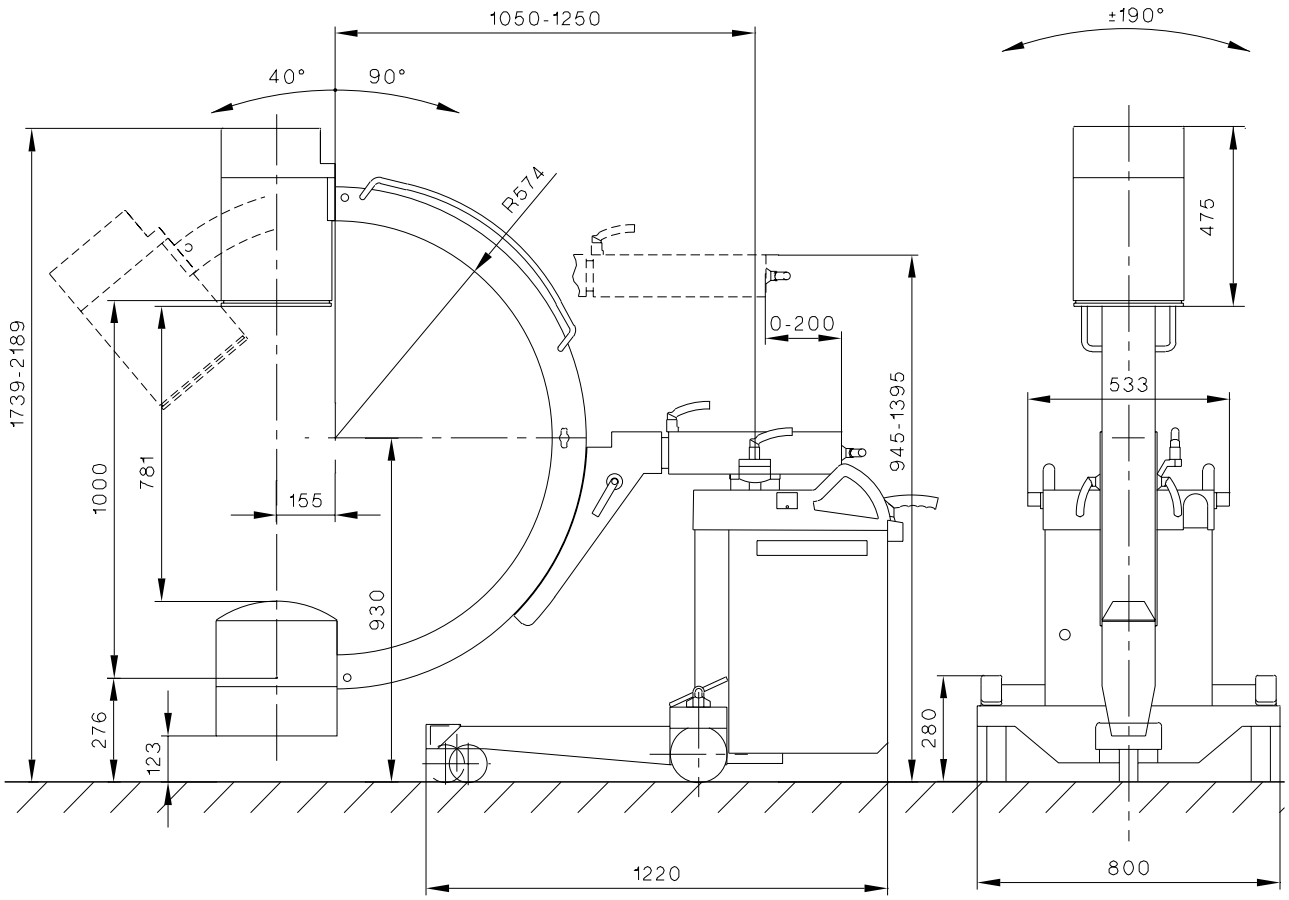
- The provisions of the relevant fire safety regulations must be observed for the premises.

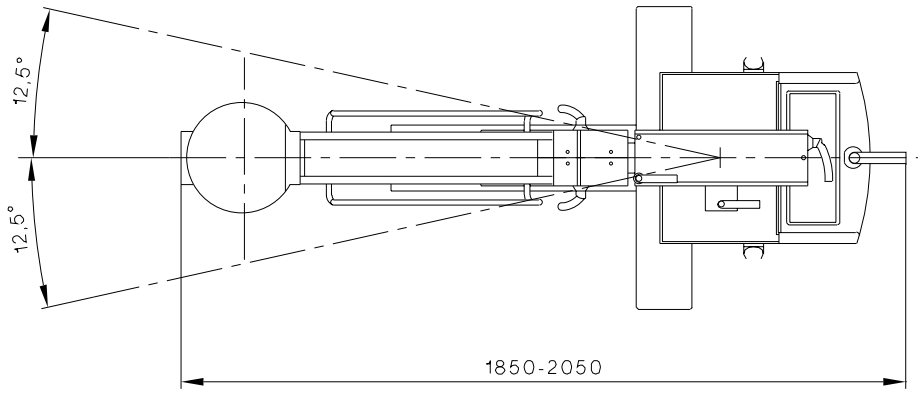
- The system has been developed according to EN 60601 - 1.

- Minimum dimensions (e.g. room heights, safety distances) indicated in the planning guides are marked "min."

- Basic strength against electromagnetic sources of interference.
  Result of lightning discharges.
  The protection targets of the different lightning protection areas up to the unit connection are also specified in the IEC 1024, DIN 48810, VDE 0675 and in the DEMVT recommendations.

Dimensions of the SIREMOBIL Compact





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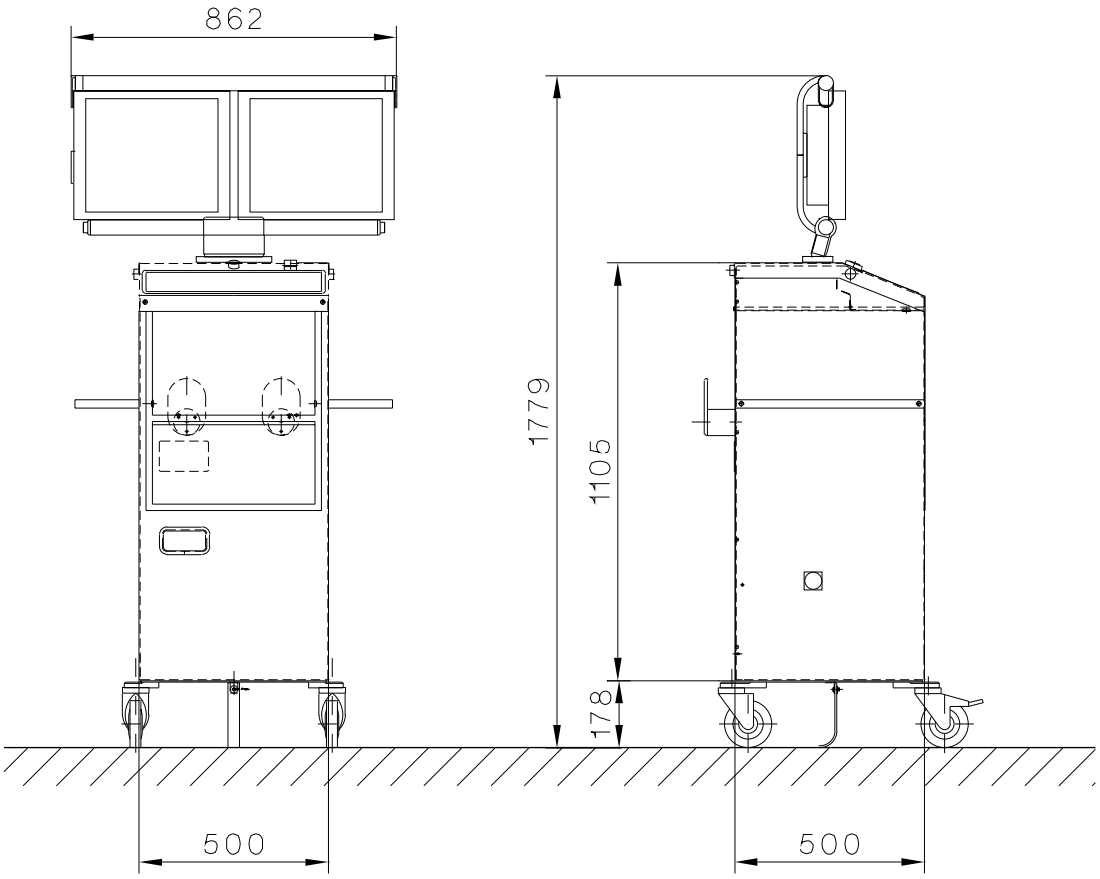
Horizontal movement:	200 mm
Vertical movement:	450 mm
Angulation:	± 190°
Orbital pivot range:	90°/- 40°
Horizontal pivot range:	± 12.5°

Monitor Trolley Dimensions



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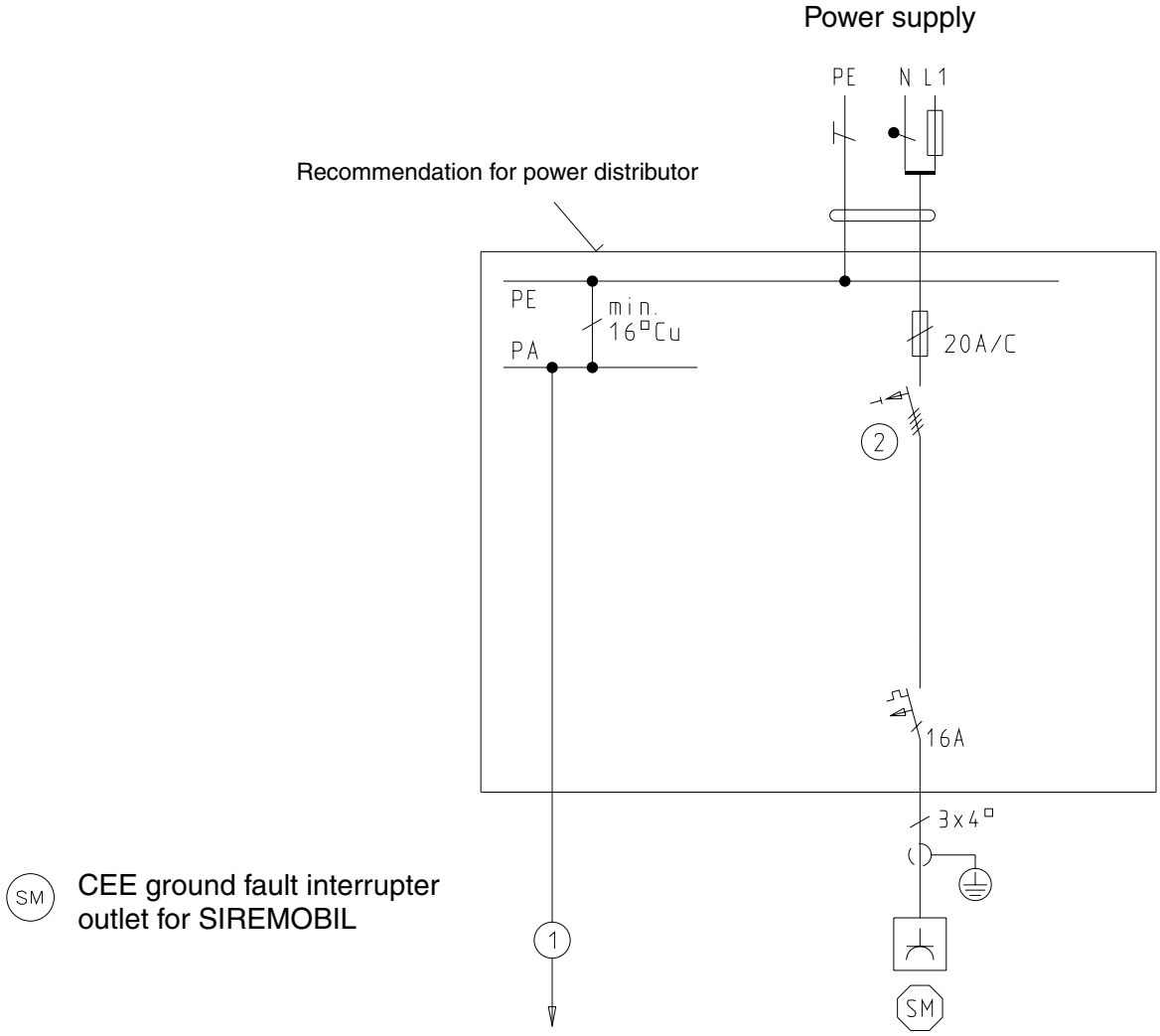
Building Electrical Installation

Recommendation for on-site power distributor per DIN VDE 0100-710 national regulations



1 To external, conductive parts

2 FI - switch 63 A/$I_{\Delta N}$ 30 mA, U_N = 400/415 V ~ for alternating and pulsing direct current faults
(recommendation: Siemens FI 5SZ3 466 0KG05 All-current sensitive or
ABB No. F 804 - 63 /0,03.
Order from ABB Stotz; contact Heidelberg Tel. 06221 701-00).
For other power line voltages, an appropriate Fi - switch must be obtained locally.

The listed fuse ratings apply for an operating voltage of 230 V 1 ~ / 400 V 3 ~
If there are fluctuating operating voltages, the fuse ratings must be changed to conform to national regulations.

NOTE	**In the USA, a 110 V or 230 V connector included in the shipment, per the order (USA standard connector design).**

NOTE

Power Cable for Units Shipped to Great Britain/Ireland.

Units shipped to Great Britain/Ireland include a power cable with a country-specific power connector.

To meet all regulations and guidelines, the length of the power cable is 5 m.
The connector includes an additional 13 A slow-blow fuse.
The values of the internal fuses in the systems (fuse F1 and F2) are not affected.

Electrical Data

beginning with Serial No. 02001	Line voltage connection *1	Fuses (internal)	Internal line impedance	Power consumption
SIREMOBIL Compact L	100V, 110V, 120V, 127V, 200V, 230V, 240V ± 10% 50/60Hz ± 1Hz	15A slow-blow from 200V 20A slow-blow to127V	≤ 0.30Ω 100V/110V/120V/127V ≤ 0.80Ω 200V/230V/240V	Short-term: 2.9 kVA Long-term: 1.65 kVA

*1 The range can be set depending on the BZ.

Weight and Heat Dissipation

	Weight [kg]	Heat dissipation [W]
SIREMOBIL Compact L	approx. 257	approx. 500
Monitor cart	approx. 147	approx. 600

Ambient Temperature and Relative Humidity

SIREMOBIL Compact L	In operation	Transport / storage
Permissible ambient temperature	+ 10° C ... + 37° C	- 20° C ... + 37° C
Permissible relative humidity	15% ...75%	15% ... 75%
Permissible air pressure	700 hPa ... 1060 hPa	700 hPa ... 1060 hPa

Crating and Transport Routes

Largest crate	L 2600 x W 1100 x H 1500 mm
Heaviest single component	approx. 257 kg without packaging
Min. door width for transporting the unpacked system	min. 810 mm door width

Paint Colors

Basic color	Medical White C610
Combination color	Medium Basic C701; Medical Blue C750

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Chapter	Page	Change
0 - 5		The revision status has been changed from 06 to 07.
1	1-2	Additional Information regarding Detail Planning removed.
1	1-3	System Configuration, page removed.
2	2-1	Dimensions of SIREMOBIL Compact L7 removed, resulting in a shift of the following pages. Illustration and text updated.
3	3-2	Note text updated.
4	4-1	Text and paint coloros updated.
5	5-1	Changes to previous version updated.

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